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TITLE: ARTIFICIAL CORUNDUM CRYSTAL

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AMENDED ABSTRACT

~~The main object of the present invention is to provide an~~ An artificial corundum crystal which can be put into practical use at low costs, and a process for producing the same. ~~The invention provides an~~ artificial corundum crystal having has at least one crystal face selected from ~~the group consisting of~~ {113}, {012}, {014}, {113}, {110}, {101}, {116}, {211}, {122}, {214}, {100}, {125}, {223}, {131}, and {312} faces. ~~The invention also provides a process for producing an artificial corundum crystal, in which the artificial corundum crystal is produced by a flux evaporation method of heating a sample containing a raw material and a flux to precipitate a crystal and grow the crystal by use of flux evaporation as a driving force.~~